

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
 Data File : VY007778.D
 Acq On : 08 Mar 2022 14:31
 Operator : SY/MD
 Sample : N1830-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 11986

Quant Time: Mar 09 00:26:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	153630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	251070	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	239603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111089	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	97248	60.464	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.920%
35) Dibromofluoromethane	7.716	113	89048	55.476	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.960%
50) Toluene-d8	10.179	98	311005	52.635	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.260%
62) 4-Bromofluorobenzene	12.483	95	95313	50.043	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.080%

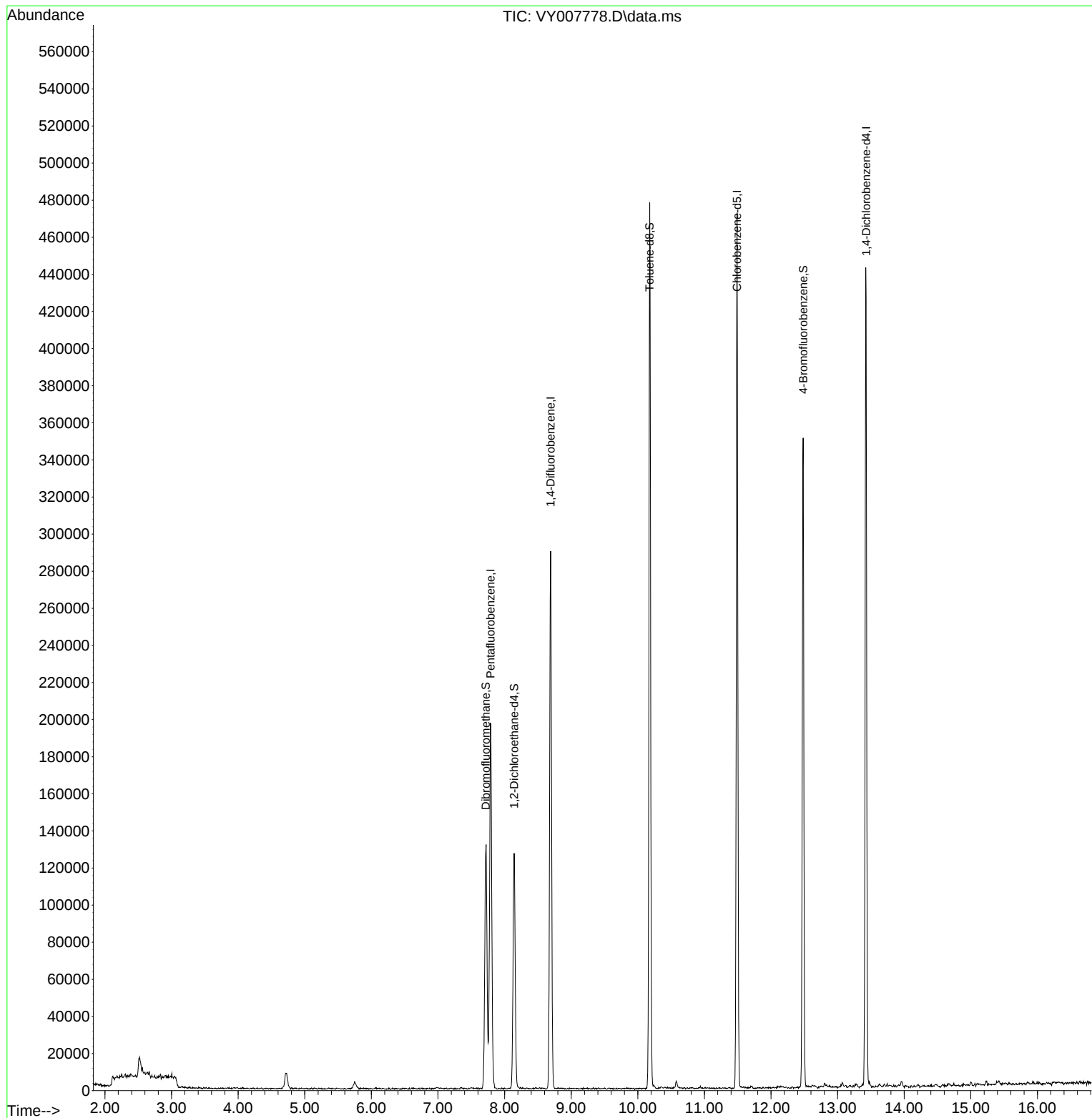
Target Compounds	Qvalue

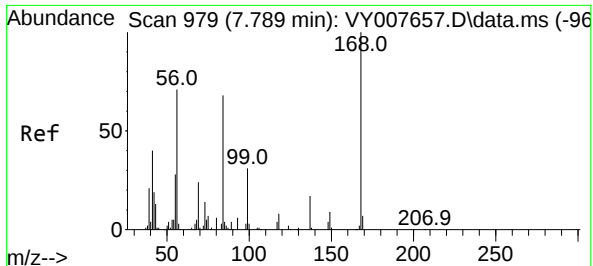
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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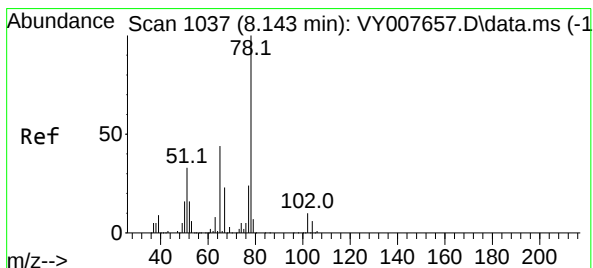
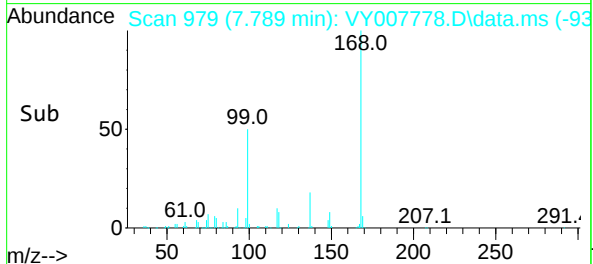
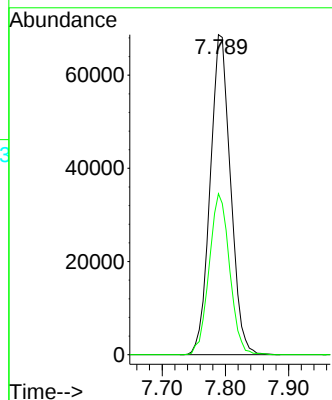
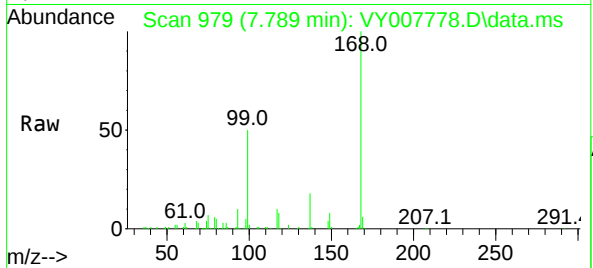




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007778.D
Acq: 08 Mar 2022 14:31

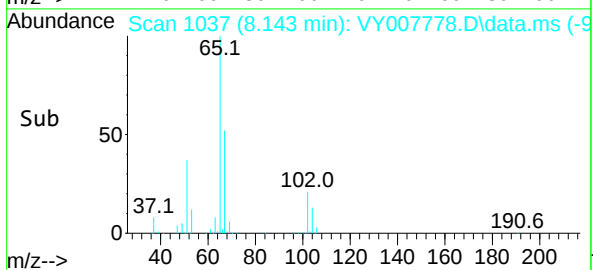
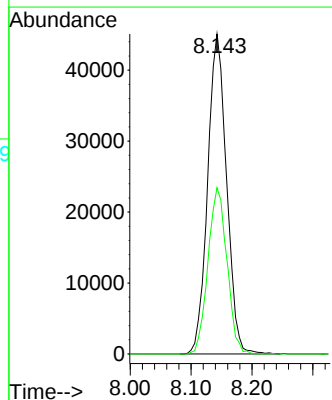
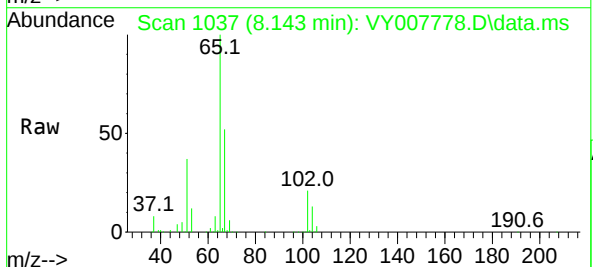
Instrument :
MSVOA_Y
ClientSampleId :
11986

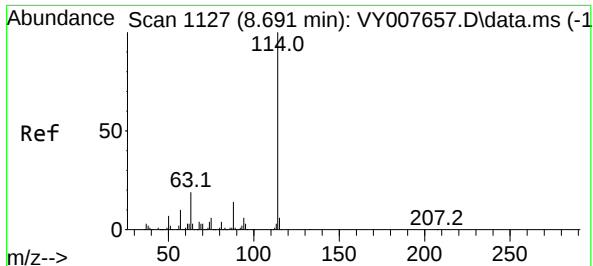
Tgt Ion:168 Resp: 153630
Ion Ratio Lower Upper
168 100
99 50.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 60.464 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007778.D
Acq: 08 Mar 2022 14:31

Tgt Ion: 65 Resp: 97248
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007778.D

Acq: 08 Mar 2022 14:31

Instrument :

MSVOA_Y

ClientSampleId :

11986

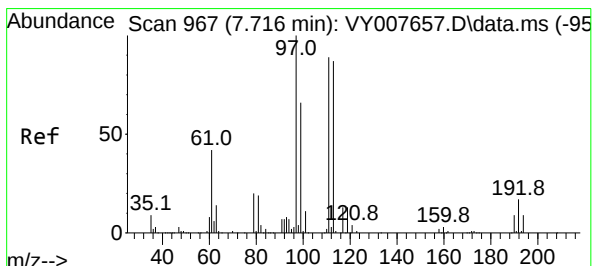
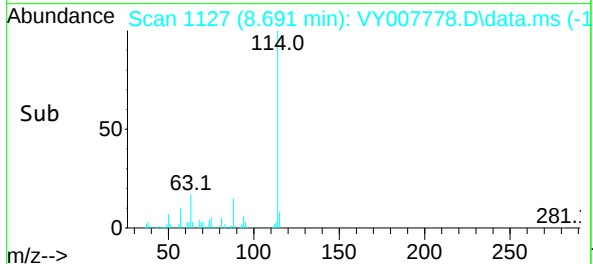
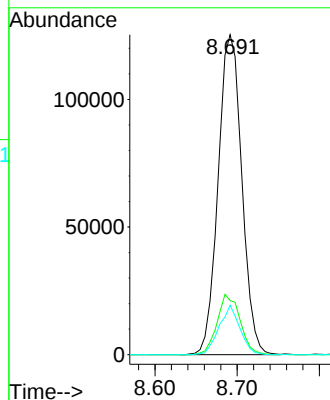
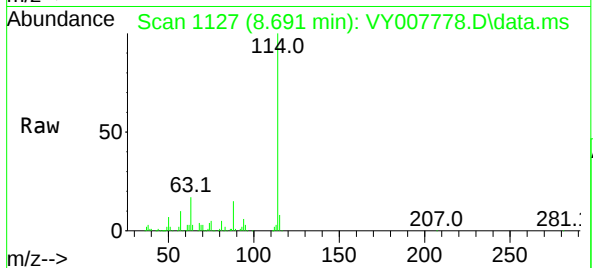
Tgt Ion:114 Resp: 251070

Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.476 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007778.D

Acq: 08 Mar 2022 14:31

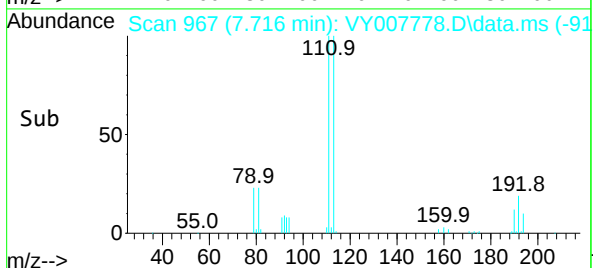
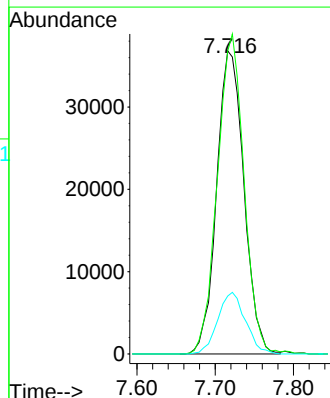
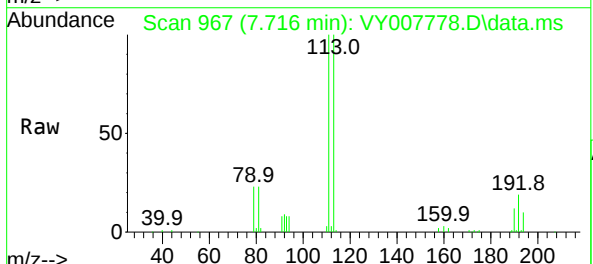
Tgt Ion:113 Resp: 89048

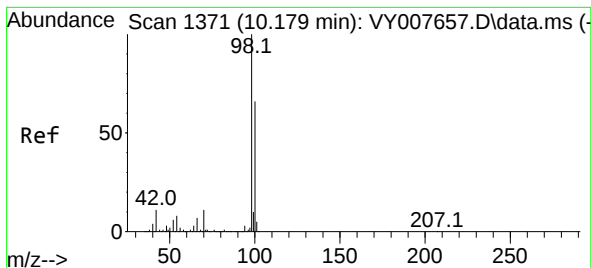
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 20.7 17.6 26.4

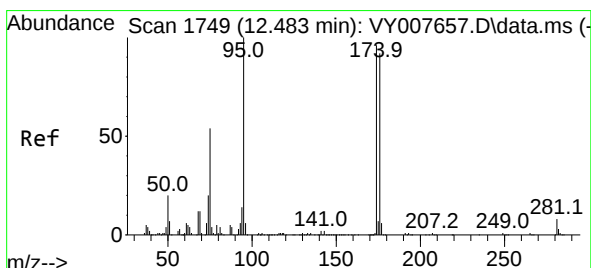
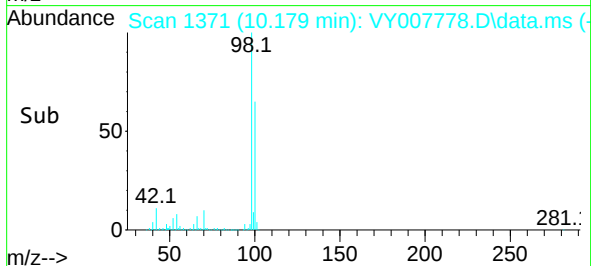
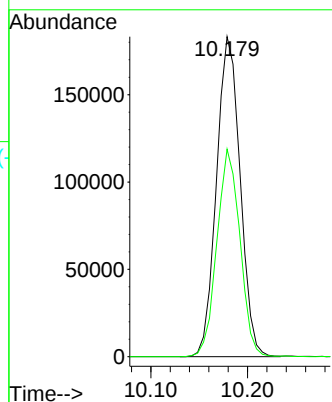
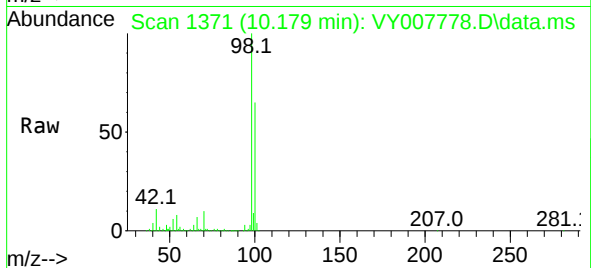




#50
Toluene-d8
Concen: 52.635 ug/l
RT: 10.179 min Scan# 11986
Delta R.T. -0.000 min
Lab File: VY007778.D
Acq: 08 Mar 2022 14:31

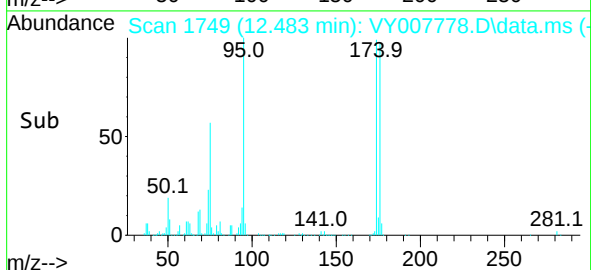
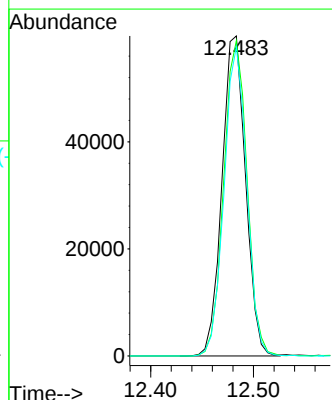
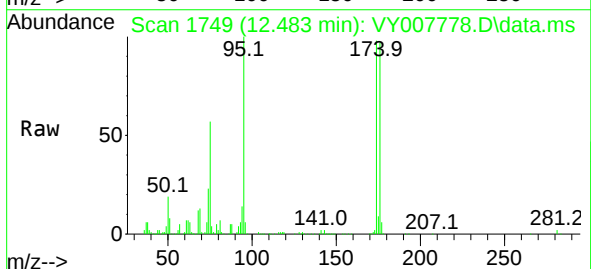
Instrument :
MSVOA_Y
ClientSampleId :
11986

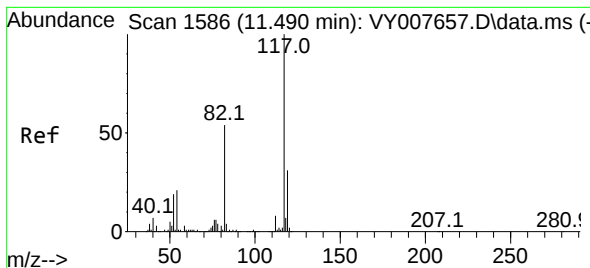
Tgt Ion: 98 Resp: 311005
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.043 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007778.D
Acq: 08 Mar 2022 14:31

Tgt Ion: 95 Resp: 95313
Ion Ratio Lower Upper
95 100
174 97.2 0.0 177.0
176 93.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11986

Delta R.T. -0.000 min

Lab File: VY007778.D

Acq: 08 Mar 2022 14:31

Instrument :

MSVOA_Y

ClientSampleId :

11986

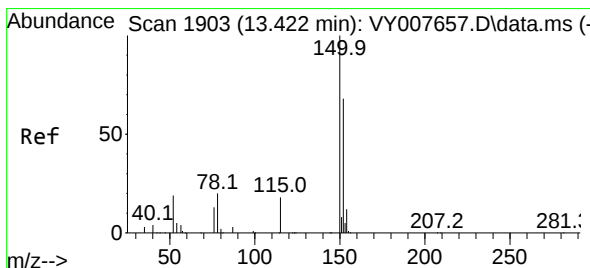
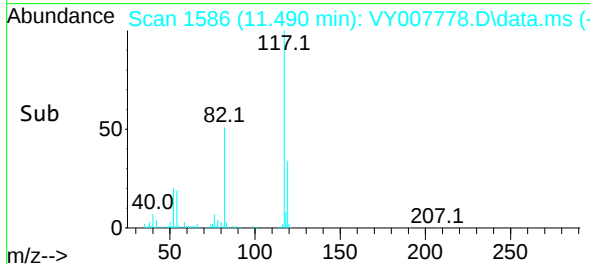
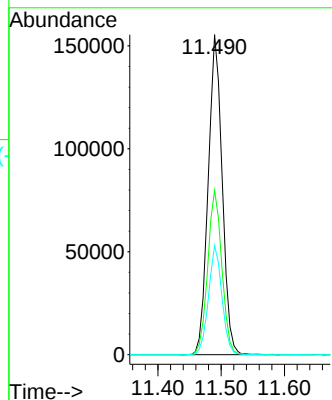
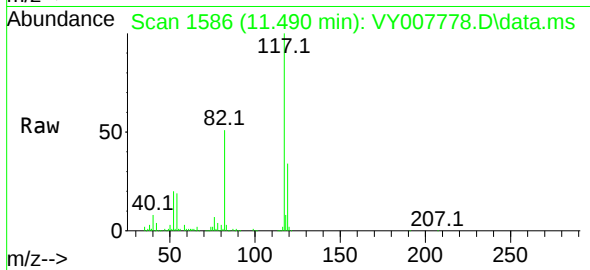
Tgt Ion:117 Resp: 239603

Ion Ratio Lower Upper

117 100

82 51.3 43.0 64.4

119 34.2 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY007778.D

Acq: 08 Mar 2022 14:31

Tgt Ion:152 Resp: 111089

Ion Ratio Lower Upper

152 100

115 55.1 28.2 84.7

150 158.1 0.0 347.6

